

JC525 U.S. PTO  
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PTO/SB/05 (2/98)

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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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## UTILITY

PATENT APPLICATION  
TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))

Attorney Docket No. 1711514

First Inventory or Application Identifier Yasufumi FUKUMA et al.

Title Database Constructing System....

Express Mail Label No. EK288575988US

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1.  \*Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)

2.  Specification [Total Pages 50]

X Descriptive title of the Invention

X Cross References to Related Applications

- Statement Regarding Fed sponsored R &amp; D

- Reference to Microfiche Appendix

X Background of the Invention

X Brief Summary of the Invention

X Brief Description of the Drawings (if filed)

X Detailed Description

X Claim(s) - 27

X Abstract of the Disclosure

3.  Drawing(s) (35 U.S.C. 113) [Total Sheets 19]

4. Oath or Declaration [Total Pages 3]

a.  Newly executed (original or copy)

b.  Copy from a prior application (37 C.F.R. § 1.63(d))  
(for continuation/divisional with Box 17 completed)  
(Note Box 5 below)

i.  DELETION OF INVENTOR(S)  
Signed statement attached deleting  
inventor(s) named in the prior application,  
see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).

5.  Incorporation By Reference (useable if Box 4b is checked)  
The entire disclosure of the prior application, from which a  
copy of the oath or declaration is supplied under Box 4b, is  
considered to be part of the disclosure of the accompanying  
application and is hereby incorporated by reference therein.

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

Continuation  Divisional  Continuation-in-part (CIP) of prior application No: \_\_\_\_\_

Prior application information: Examiner \_\_\_\_\_ Group / Art Unit: \_\_\_\_\_

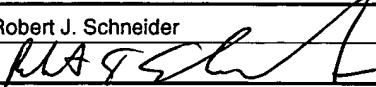
## 18. CORRESPONDENCE ADDRESS

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24240

Name	ROBERT J. SCHNEIDER CHAPMAN AND CUTLER				
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Name (Print/Type)	Robert J. Schneider	Registration No. (Attorney/Agent)	27,383
Signature			
		Date	6/12/2001

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# FEE TRANSMITTAL

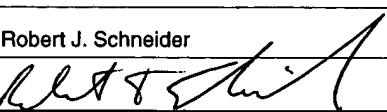
Patent fees are subject to annual revision on October 1.

These are the fees effective October 1, 1997.

Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12. See 37 C.F.R. §§ 1.27 and 1.28.

TOTAL AMOUNT OF PAYMENT		(\$ 1436)	Attorney Docket No.	1711514
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METHOD OF PAYMENT (check one)		FEE CALCULATION (continued)					
1. <input type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:		3. ADDITIONAL FEES					
Deposit Account	50-0305			Large Entity Fee Code	Small Entity Fee Code	Fee Description	Fee Paid
Deposit Account Name	CHAPMAN AND CUTLER			(\$)	(\$)		
<input checked="" type="checkbox"/> Charge any Additional Fee Required Under 37 C.F.R. §§ 1.16 and 1.17 <input type="checkbox"/> Charge the Issue Fee Set in 37 C.F.R. § 1.18 at the Mailing of the notice of Allowance							
2. <input checked="" type="checkbox"/> Payment Enclosed:		<input checked="" type="checkbox"/> Check <input type="checkbox"/> Money Order <input type="checkbox"/> Other					
FEE CALCULATION							
1. BASIC FILING FEE							
Large Entity Fee Code	Fee (\$)	Small Entity Fee Code	Fee (\$)	Fee Description	Fee paid		
101	710	201	355	Utility filing fee	710		
106	330	206	165	Design filing fee			
107	540	207	270	Plant filing fee			
108	790	208	395	Reissue filing fee			
114	150	214	75	Provisional filing fee			
SUBTOTAL (1) (\$ 710)							
2. EXTRA CLAIM FEES							
Extra Claims		Fee from below		Fee Paid			
Total Claims	27	-20** =	7	X 18	= 126		
Independent Claims	10	- 3** =	7	X 80	= 560		
Multiple Dependent					= 0		
**or number previously paid, if greater; For Reissues, see below							
Large Entity Fee Code	Fee (\$)	Small Entity Fee Code	Fee (\$)	Fee Description	Fee Paid		
103	18	203	9	Claims in excess of 20			
102	80	202	40	Independent claims in excess of 3			
104	270	204	135	Multiple dependent claim, if not paid			
109	82	209	41	**Reissue dependent claims over original patent			
110	22	210	11	** Reissue claims in excess of 20 and over original patent			
SUBTOTAL (2) (\$ 686)							
* Reduced by Basic Filing Fee Paid						SUBTOTAL (3) (\$ 40)	

SUBMITTED BY				Complete (if applicable)	
Type or Printed Name	Robert J. Schneider			Reg. Number	27,383
Signature				Date	6/12/01
				Deposit Account User ID	50-0305 24240

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**EXPRESS MAIL CERTIFICATE**

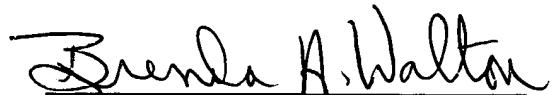
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Date of Deposit: June 11, 2001

I hereby certify that the attached documents are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR § 1.10 on the date indicated above and is addressed to Box Patent Application, Commissioner for Patents, Washington, D.C. 20231.

Brenda A. Walton

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